Use Attainability Analysis

for

WBID 3423 Trib. to Mineral Creek

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

Date Received: July 18, 2005





Data Sheet A - Water Body Identification

| Water Body Name (from USGS 7.5' quad): Unhamed Trib of Mineral Creak |
|--|
| 8-digit HUC: /0300/04 |
| Missouri WBID #: 3423 |
| County: Johnson |
| Upstream Legal Description: 5 18 744N RZ5 W |
| Downstream Legal Description: S 17 744N 125W |
| Upstream Coordinates: 437 564 4272 894 |
| Downstream Coordinates: 439352 4273 C41 |
| Discharger Facility Name(s): |
| Discharger Permit Name(s): |
| Number of Sites Evaluated: 3 |
| Name of Surveyor and Telephone Number: Greg Caldwell (573)-884-3494 |
| Organization: DNR |
| Position: Soil Scientist III |
| I the undersigned hearby affirm to the best of my knowledge, that all information reported |

_____Date:__6/7/55

on this UAA datasheet is true and accurate.

Data Sheet B - Site Characterization

(A separate sheet data sheet must be completed for each site)

| Missouri WBID #: | 3473 | | Site Location Description: | | | | | |
|--|--------------------------|-----------------------------|--------------------------------|---|----------------------------|--|--|--|
| Site GPS Coordinates: | | 1272894 | Croek Bends to Goving Rd | | | | | |
| Date & Time: 6/7/ | | | | me: 4//4 | | | | |
| Personnel: | | | Permit Nu | | | | | |
| Current Weather Cond | itions: Sunal | | | onditions for Past 7 Days: | | | | |
| Photo Ids: Upstream | 7423 U\ Da | ownstream; 3° | | | | | | |
| Uses Observed*: | 16 | 17 | 423 D 1 Other: 18 No 1 resposs | | | | | |
| Swimming | Skin Diving | ☐ SCUBA | diving | ☐ Tubing | ☐ Water Skiing | | | |
| ☐ Wind surfing | ☐ Kayaking | ☐ Boating | | □ Wading | Rafting | | | |
| ☐ Hunting | ☐ Trapping | ☐ Fishing | None of the above | | Other: | | | |
| Describe: (include number of individuals, frequency of use, photo-documentation of evidence of recreational uses, etc) | | | | | | | | |
| Describe: (include numb | per of individuals, freq | quency of use, pho | oto-documer | ntation of evidence of recr | eational uses, etc) | | | |
| Describe: (include numb | per of individuals, freq | quency of use, pho | oto-documer | ntation of evidence of recr | eational uses, etc) | | | |
| Describe: (include numb | eer of individuals, freq | quency of use, pho | oto-documer | ntation of evidence of recr | eational uses, etc) | | | |
| Describe: (include numb | eer of individuals, freq | quency of use, pho | oto-documer | itation of evidence of recr | eational uses, etc) | | | |
| 18 | | | | | | | | |
| 18 | tions*: (Mark all tha | | | nal uses. Attach photos o | | | | |
| Surrounding Condi | tions*: (Mark all tha | | ede recreatio | | | | | |
| Surrounding Conditions of interest. | tions*: (Mark all tha | at promote or imp | ede recreatio | onal uses. Attach photos o | of evidence or | | | |
| Surrounding Conditions of interest.) City/County parks | tions*: (Mark all tha | MDC conser | ede recreatio | onal uses. Attach photos o | of evidence or | | | |
| Surrounding Conditions of interest. City/County parks Boating accesses | tions*: (Mark all tha | at promote or impo | ede recreatio | onal uses. Attach photos of Urban areas | of evidence or | | | |
| Surrounding Conditions of interest. City/County parks Boating accesses | tions*: (Mark all tha | MDC conser | ede recreation vation lands | onal uses. Attach photos of Urban areas | of evidence or | | | |
| Surrounding Conditions and interest. City/County parks Boating accesses respass sign Evidence of Human | tions*: (Mark all tha | MDC consersus National fore | ede recreation lands sts | □ Urban areas □ Nature trails □ Other: | Campgrounds Stairs/walkway | | | |

Site Locations Map(s): Attach a map of the entire segment with the assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

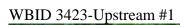
^{*}Some of this information is not intended to directly influence a decision on any one particular recreation use analysis but may point to conditions that need further analysis or that effect another use

Data Sheet B - Site Characterization

| Page Two - WBID# 34 | 23: | | | |
|---|---|--|------------------------|----------------|
| Stream Morphology: Upstream View Physi | ical Dimensions: | | | |
| Riffle Width (ft.): | Length (ft.): | Avg. Depth (ft.): | Max Depth (| ft.): |
| Run Width (ft.): | Length (ft.): | Avg. Depth (ft.): | Max Depth (f | t.): |
| Pool Width (ft.): / | 5 Length (ft.): 7 5 | Avg. Depth (ft.): 1, | Max Depth (f | t.): 1,5 |
| Downstream View Phys | | | | |
| Riffle Width (ft.): | Length (ft.): | Avg. Depth (ft.): | Max Depth (| ft.): |
| Run Width (ft.): | Length (ft.): | Avg. Depth (ft.): | Max Depth (f | ft.): |
| Pool Width (ft.): 🖔 | Length (ft.): 20 | Avg. Depth (ft.): | Max Depth (f | t.): 15 |
| ☐ Flow Present? | Yes No | lerx Slau | | |
| Substrate*: (These values % Cobble / O Aquatic Vegetation*: (n | % Gravel % S | and % Silt 9 | % Mud/Clay site) | % Bedrock |
| Water Characteristics* | : (Mark all that apply) | | | |
| Odor: Sewag | e Musky Chen | nical None | Other | |
| Color: Clear | ☐ Green ☐ Gray | ☐ Milky | Other Mud | dy |
| Bottom deposit: Sludge | Solids Fine | sediments None | Other | |
| Surface deposit: Oil | ☐ Scum ☐ Foan | n None | Other | |
| *This information is not to be comprehensive understanding | used solely for removal of of water conditions. Cons | ding information from intervie fa recreational use designation sequently, this information is n conditions that need further an | but rather is to prove | ly influence a |
| I, the undersigned hear this UAA datasheet is to Signed: | | t of my knowledge, that Date: 6/7/ | t all information | n reported on |

WBID 3423-Downstream #1







Data Sheet B - Site Characterization

(A separate sheet data sheet must be completed for each site)

| Missouri WBID #: 3 | Site Location Description: | | | | | |
|--|----------------------------|---------------------|-----------------------------|-------------------|--|-----------------------------|
| Missouri WBID #: 3 Site GPS Coordinates: | Bridge on County 201 Rd | | | | | |
| Date & Time: 6/7/ | Facility Name: 1/1 | | | | | |
| Personnel: | Permit Number | | | | | |
| Current Weather Cond | Weather C | Conditions | for Past 7 Days | | | |
| Photo Ids: Upstream 3 | 1423UZ I | Downstream: 3 4 | | | | |
| ses Observed*: | 19 | 20 |) | | | |
| Swimming | ☐ Skin Diving | ☐ SCUBA | diving | ring | | ☐ Water Skiing |
| ☐ Wind surfing | ☐ Kayaking | ☐ Boating | | Wading | | Rafting |
| ☐ Hunting | ☐ Trapping | ☐ Fishing | | None of the above | | Other: |
| Describe: (include numl | per of individuals, fre | equency of use, pho | oto-docume | ńtation of | evidence of recr | reational uses, etc) |
| Describe: (include numb | tions*: (Mark all th | | | | | |
| urrounding Condi | tions*: (Mark all th | | ede recreatio | onal uses. | | |
| urrounding Condicusual items of interest. City/County parks | tions*: (Mark all th | nat promote or imp | ede recreation | onal uses. | Attach photos o | of evidence or |
| urrounding Condicusual items of interest. City/County parks Boating accesses | tions*: (Mark all th | nat promote or imp | ede recreation | onal uses. | Attach photos o oan areas | of evidence or |
| arrounding Condinusual items of interest. City/County parks Boating accesses No trespass sign | tions*: (Mark all the | at promote or imp | ede recreation | onal uses. | Attach photos o oan areas | of evidence or |
| a) | tions*: (Mark all the | □ MDC conser | ede recreation vation lands | Onal uses. Urb | Attach photos o oan areas | of evidence or |
| Trrounding Condicusual items of interest. City/County parks Boating accesses No trespass sign | tions*: (Mark all the | □ MDC conser | ede recreation vation lands | onal uses. Urb | Attach photos of pan areas ture trails | Campgrounds Stairs/walkway |

Site Locations Map(s): Attach a map of the entire segment with the assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

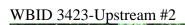
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Data Sheet B - Site Characterization

| Page Two | - WBID# | 723: | ata Sheet B - Sh | e Characterizat | 1011 | | |
|--|------------------------------|---------------|--|--|------------|------------------|-------------|
| | lorphology: | 42 | | | | | |
| | am View Ph | ysical Dim | ensions: | | | | |
| Riffle | Width (ft.): | VII. | igth (ft.): | Avg. Depth (ft.): | | Max Depth (ft.) | : |
| Run | Width (ft.): | Lei | ngth (ft.): | Avg. Depth (ft.): | | Max Depth (ft.) | |
| Pool | Width (ft.): | 15 Ler | igth (ft.): 75 | Avg. Depth (ft.): | 1,5 | Max Depth (ft.): | 2,5 |
| ☐ Flow | Present? | ☐ Yes | □ No | | | | |
| | | | | | | | |
| The same of the sa | am View Ph | ysical Din | nensions: | | | | |
| Riffle | Width (ft.): | Ler | igth (ft.): | Avg. Depth (ft.): | | Max Depth (ft.) | : |
| Run | Width (ft.): | Lei | ngth (ft.): | Avg. Depth (ft.): | | Max Depth (ft.) | |
| Pool | Width (ft.): | _ | igth (ft.): 125+ | Avg. Depth (ft.): | 1,5 | Max Depth (ft.): | 215 |
| Flow | Present? | ☐ Yes | □ No | | | | |
| Substrate | *: (These valu | es should add | l up to 100%) | | | | |
| % | Cobble 17 | % Grave | l % Sand | % Silt | 90 | % Mud/Clay | % Bedrock |
| Aquatic V | /egetation*: | (note amoun | t of vegetation or alg | aal growth at assess | ment site) | | |
| 1 06 | algae | M 5 | or fore | | | | |
| , ,,, | 4154 | 0,10 | | | | | |
| | | | | | | | |
| | | PARTSHOT A. P | | | | | |
| | naracteristic | | | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | | | |
| Odor: | Sew | | | | | Other | / |
| Color: Bottom de | posit: Sluc | | een Gray | ments None | | Other Munk | - }* |
| Surface de | | | um | None | | Other | |
| Surface de | posit. 🗖 Oii | | uni 🗀 roam | None | | Odler | |
| Commen | ts: Please attac | h additional | comments (including | information from ir | nterviews) | to this form. | |
| | | | y for removal of a re- | | | | |
| | | | conditions. Conseque ut may point to cond | | | | |
| | | | | | | | |
| | dersigned he datasheet is | | m to the best of | my knowledge | , that al | l information | reported on |
| | | | | 1 | 10. | 7 | |
| Signed:_ | Jugg | 146 | ey . | Date: | 1/0 5 | | |
| | | | | | | | |

WBID 3423-Downstream #2







Data Sheet B - Site Characterization

(A separate sheet data sheet must be completed for each site)

| ying [| Facility? Permit N Weather ream: 3 4 2 3 D 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | Name: Number: Conditions for Past 7 Da | ☐ Water Skiing ☐ Rafting ☐ Other: | | |
|---|--|--|-------------------------------------|--|--|
| Downstr | Facility? Permit N Weather ream: 3 4 2 3 D 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | Name: Number: Conditions for Past 7 Da Other: Tubing Wading None of the above | ys: Water Skiing Rafting Other: | | |
| ying [| Weather ream: 3 4 2 3 D 3 2 V SCUBA diving Boating Fishing | Conditions for Past 7 Da Other: Tubing Wading None of the above | ☐ Water Skiing ☐ Rafting ☐ Other: | | |
| ying [| eam: 3 423 D 3 Z SCUBA diving Boating Fishing | Other: Tubing Wading None of the above | ☐ Water Skiing ☐ Rafting ☐ Other: | | |
| ying [| SCUBA diving Boating Fishing | ☐ Tubing ☐ Wading ☐ None of the above | ☐ Rafting Other: | | |
| ying [| SCUBA diving Boating Fishing | ☐ Tubing ☐ Wading ☐ None of the above | ☐ Rafting Other: | | |
| g [| ☐ Boating ☐ Fishing | ☐ Wading None of the above | ☐ Rafting Other: | | |
| g [| Fishing | None of the above | Other: | | |
| | | | | | |
| | | | | | |
| k all that pron | note or impede recrea | tional uses. Attach photo | s of evidence or | | |
| unds | DC conservation land | ds Urban areas | ☐ Campgrounds | | |
| ☐ State parks ☐ National for | | ☐ Nature trails | ☐ Stairs/walkway | | |
| No trespass sign | | | S Other: | | |
| | | | | | |
| vidence of Human Use*: ☐ Roads ☐ Foot pats/prints ☐ Dock/p | | | RV/ATV Tracks | | |
| Roads ☐ Foot pats/prints ☐ Dock/p Rope swings ☐ Camping sites ☐ Fire pit | | | □ NPEDS discharge □ Fishing Tackl | | |
| 1 | unds | nunds | Nature trails Steep slopes Other: | | |

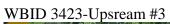
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| Page Two | o - WBID#_3422 | or Data Shee _: | t B - Site Ch | aracterizatio | n | |
|------------|---------------------------------------|---------------------|------------------|--------------------|--|---------------|
| Stream M | lorphology: am View Physica | | | | | |
| Riffle | Width (ft.): | Length (ft.): | Av | g. Depth (ft.): | Max Depth (ft.) |): |
| Run | Width (ft.): | Length (ft.): | | g. Depth (ft.): | Max Depth (ft.) | |
| ☐ Pool | Width (ft.): 20 | Length (ft.): | 15 | g. Depth (ft.): | 7 5 Max Depth (ft.) | |
| ☐ Flow | | Yes No | - | 5. 2 opai (). 1 | , wan sopar (ta) | . ,,, , |
| | | | | | | |
| Downstre | am View Physica | al Dimensions: | | | | |
| Riffle | Width (ft.): | Length (ft.): | Av | g. Depth (ft.): | Max Depth (ft. |): |
| Run | Width (ft.): | Length (ft.): | Av | g. Depth (ft.): | Max Depth (ft.) | _ |
| ☐ Pool | Width (ft.): ZO | Length (ft.); | /8) Av | g. Depth (ft.): , | 75 Max Depth (ft.) | : 1,5 |
| ☐ Flow | Present? | Yes 🗹 No | | | | |
| | :*: (These values sho | | | 9/ 5:14 | (c) % Mud/Clay | % Bedrock |
| 5 % | Cobble 35% | 6 Gravel | % Sand | % Silt | (1) % Mud/Clay | % Bedrock |
| | Vegetation*: (note | | | | ent site) | |
| Gros | ses graviv | ng in sh | callow as | | | |
| Water Cl | naracteristics*: (N | Mark all that apply | <i>i</i>) | | | |
| Odor: | Sewage | ☐ Musky ☐ | Chemical | None | ☐ Other | |
| Color: | ☐ Clear | ☐ Green ☐ | Gray | ☐ Milky | Other Nuy | KoN |
| Bottom de | eposit: 🗖 Sludge | ☐ Solids ☐ | Fine sediments | None | Other | |
| Surface de | eposit: 🗖 Oil | □ Scum □ | Foam | ∩ None | Other | |
| Commen | ts: Please attach add | itional comments | (including infor | mation from inter | rviews) to this form. | |
| comprehens | sive understanding of | water conditions. | Consequently, | this information i | ion but rather is to provid is not intended to directly analysis or that effect an | influence a |
| - | dersigned hearby datasheet is true | | | knowledge, tl | hat all information | reported on |
| Signed:_ | Lean Cal. | | | Date: 6 /- | 1/05 | |

WBID 3423-Downstream #3









WBID 3423- No tresspass

